



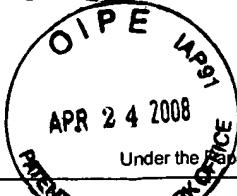
Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.</p> <p>This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

Secrecy Order 37 CFR 5.2

<input type="checkbox"/>	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
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Applicant Information:

Applicant 1				
<p>Applicant Authority <input checked="" type="radio"/> Inventor <input type="radio"/> Legal Representative under 35 U.S.C. 117 <input type="radio"/> Party of Interest under 35 U.S.C. 118</p>				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Thomas	J.	LA ROSA	
<p>Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service</p>				
City	Fenton	State/Province	MO	Country of Residence i US
Citizenship under 37 CFR 1.41(b) i US				
Mailing Address of Applicant:				
Address 1	651 Green Forest Drive			
Address 2				
City	Fenton	State/Province	MO	
Postal Code	63026	Country i	US	
Applicant 2				
<p>Applicant Authority <input checked="" type="radio"/> Inventor <input type="radio"/> Legal Representative under 35 U.S.C. 117 <input type="radio"/> Party of Interest under 35 U.S.C. 118</p>				
Prefix	Given Name	Middle Name	Family Name	Suffix
	David	K.	KOVALIC	
<p>Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service</p>				
City	Clayton	State/Province	MO	Country of Residence i US
Citizenship under 37 CFR 1.41(b) i US				
Mailing Address of Applicant:				
Address 1	39 Hillvale Drive			
Address 2				
City	Clayton	State/Province	MO	
Postal Code	63105	Country i	US	
Applicant 3				
<p>Applicant Authority <input checked="" type="radio"/> Inventor <input type="radio"/> Legal Representative under 35 U.S.C. 117 <input type="radio"/> Party of Interest under 35 U.S.C. 118</p>				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Yihua		ZHOU	
<p>Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service</p>				
City	Ballwin	State/Province	MO	Country of Residence i US



Applicant Data Sheet 37 CFR 1.76

Attorney Docket Number 16517.288/38-21(53373)B

Application Number 10/612,783

Title of Invention Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Citizenship under 37 CFR 1.41(b) US

Mailing Address of Applicant:

Address 1 1016 Westrun Drive

Address 2

City Ballwin State/Province MO

Postal Code 63021 Country US

Applicant 4

Applicant Authority Inventor Legal Representative under 35 U.S.C. 117 Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Yongwei		CAO	

Residence Information (Select One) US Residency Non US Residency Active US Military ServiceCity Chesterfield State/Province MO Country of Residence USCitizenship under 37 CFR 1.41(b) CN

Mailing Address of Applicant:

Address 1 16796 Baxter Pointe Court

Address 2

City Chesterfield State/Province MO

Postal Code 63005 Country US

Applicant 5

Applicant Authority Inventor Legal Representative under 35 U.S.C. 117 Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Mark	S.	ABAD	

Residence Information (Select One) US Residency Non US Residency Active US Military ServiceCity Webster Groves State/Province MO Country of Residence USCitizenship under 37 CFR 1.41(b) US

Mailing Address of Applicant:

Address 1 118 Glen Road

Address 2

City Webster Groves State/Province MO

Postal Code 63119 Country US

Applicant 6

Applicant Authority Inventor Legal Representative under 35 U.S.C. 117 Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Scott	E.	ANDERSEN	

Residence Information (Select One) US Residency Non US Residency Active US Military ServiceCity St. Louis State/Province MO Country of Residence USCitizenship under 37 CFR 1.41(b) US



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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B	
		Application Number	10/612,783	
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement			

Mailing Address of Applicant:

Address 1		1036 Fashion Square		
Address 2				
City	St. Louis		State/Province	MO
Postal Code	63146		Country	US

Applicant 7

Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Robert	E.	BUEHLER	

Residence Information (Select One) US Residency Non US Residency Active US Military Service

City	Chesterfield		State/Province	MO	Country of Residence	i	US
Citizenship under 37 CFR 1.41(b) i			US				

Mailing Address of Applicant:

Address 1		1893 Braumton Court				
Address 2						
City	Chesterfield			State/Province	MO	
Postal Code	63017			Country	US	

Applicant 8

Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Joseph	R.	BYRUM	

Residence Information (Select One) US Residency Non US Residency Active US Military Service

City	West Des Moines		State/Province	IA	Country of Residence	i	US
Citizenship under 37 CFR 1.41(b) i			US				

Mailing Address of Applicant:

Address 1		4533 Woodland Avenue, Unit 1				
Address 2						
City	West Des Moines			State/Province	IA	
Postal Code	50266			Country	US	

Applicant 9

Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Nordine		CHEIKH	

Residence Information (Select One) US Residency Non US Residency Active US Military Service

City	Chesterfield		State/Province	MO	Country of Residence	i	US
Citizenship under 37 CFR 1.41(b) i			US				



Applicant Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B	
		Application Number	10/612,783	
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement			

Mailing Address of Applicant:				
Address 1		16534 Baxter Forest Ridge		
Address 2				
City	Chesterfield		State/Province	MO
Postal Code	63005		Country ⁱ	US

Applicant 10				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Timothy	W.	CONNER	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Chesterfield		State/Province	MO
Citizenship under 37 CFR 1.41(b) ⁱ		US		

Mailing Address of Applicant:				
Address 1		989 Tara Oaks Drive		
Address 2				
City	Chesterfield		State/Province	MO
Postal Code	63005		Country ⁱ	US

Applicant 11				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Brian	E.	COOMBS	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Imperial		State/Province	MO
Citizenship under 37 CFR 1.41(b) ⁱ		US		

Mailing Address of Applicant:				
Address 1		5925 Mastodon Pines Drive		
Address 2				
City	Imperial		State/Province	MO
Postal Code	63052		Country ⁱ	US

Applicant 12				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Stanton	B.	DOTSON	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Chesterfield		State/Province	MO
Citizenship under 37 CFR 1.41(b) ⁱ		US		



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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B	
		Application Number	10/612,783	
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement			

Mailing Address of Applicant:				
Address 1		379 Palomino Hill Court		
Address 2				
City	Chesterfield		State/Province	MO
Postal Code	63005		Country	US

Applicant 13				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Patrice		DUBOIS	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Richmond Heights	State/Province	MO	Country of Residence <input type="radio"/> US
Citizenship under 37 CFR 1.41(b) <input type="radio"/> CA				

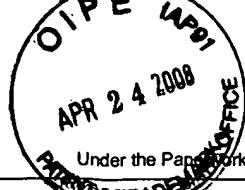
Mailing Address of Applicant:				
Address 1		7086 Oakland Avenue, Apt. 2W		
Address 2				
City	Richmond Heights		State/Province	MO
Postal Code	63117		Country	US

Applicant 14				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Michael	D.	EDGERTON	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	St. Louis	State/Province	MO	Country of Residence <input type="radio"/> US
Citizenship under 37 CFR 1.41(b) <input type="radio"/> US				

Mailing Address of Applicant:				
Address 1		431 Westgate Avenue		
Address 2				
City	St. Louis		State/Province	MO
Postal Code	63130		Country	US

Applicant 15				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Dane	K.	FISHER	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Richfield	State/Province	NC	Country of Residence <input type="radio"/> US
Citizenship under 37 CFR 1.41(b) <input type="radio"/> US				

Application Data Sheet 37 CFR 1.76			Attorney Docket Number	16517.288/38-21(53373)B	
			Application Number	10/612,783	
Title of Invention 2008		Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement			
Mailing Address of Applicant:					
Address 1		48244 Wesley Chapel Road			
Address 2					
City	Richfield		State/Province	NC	
Postal Code	28137		Country ⁱ	US	
Applicant 16					
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name		Middle Name	Family Name	
	Kristine		J.	HARDEMAN	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Westerly		State/Province	RI	Country of Residence ⁱ
Citizenship under 37 CFR 1.41(b) ⁱ		US			
Mailing Address of Applicant:					
Address 1		14 South Drive			
Address 2					
City	Westerly		State/Province	RI	
Postal Code	02891		Country ⁱ	US	
Applicant 17					
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name		Middle Name	Family Name	
	Gregory		R.	HECK	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Crystal Lake Park		State/Province	MO	Country of Residence ⁱ
Citizenship under 37 CFR 1.41(b) ⁱ		US			
Mailing Address of Applicant:					
Address 1		2200 Divot Drive			
Address 2					
City	Crystal Lake Park		State/Province	MO	
Postal Code	63131		Country ⁱ	US	
Applicant 18					
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name		Middle Name	Family Name	
	Gregory		J.	HINKLE	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Plymouth		State/Province	MA	Country of Residence ⁱ
Citizenship under 37 CFR 1.41(b) ⁱ		US			



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Application Data Sheet 37 CFR 1.76

Attorney Docket Number

16517.288/38-21(53373)B

Application Number

10/612,783

Title of Invention

Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Mailing Address of Applicant:

Address 1 143 Sandwich Road

Address 2

City Plymouth

State/Province

MA

Postal Code 02360

Countryⁱ

US

Applicant 19Applicant Authority Inventor Legal Representative under 35 U.S.C. 117 Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Raghunath	V.	LALGUDI	

Residence Information (Select One) US Residency Non US Residency Active US Military ServiceCity Watertown State/Province MA Country of Residenceⁱ USCitizenship under 37 CFR 1.41(b)ⁱ IN**Mailing Address of Applicant:**

Address 1 81 Summer Street

Address 2

City Watertown

State/Province

MA

Postal Code 02472

Countryⁱ

US

Applicant 20Applicant Authority Inventor Legal Representative under 35 U.S.C. 117 Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Jingdong		LIU	

Residence Information (Select One) US Residency Non US Residency Active US Military ServiceCity Chesterfield State/Province MO Country of Residenceⁱ USCitizenship under 37 CFR 1.41(b)ⁱ US**Mailing Address of Applicant:**

Address 1 2200 Sycamore Drive

Address 2

City Chesterfield

State/Province

MO

Postal Code 63017

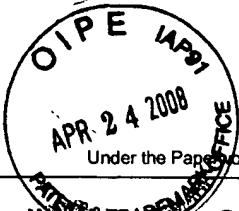
Countryⁱ

US

Applicant 21Applicant Authority Inventor Legal Representative under 35 U.S.C. 117 Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Linda	L.	LUTFIYYA	

Residence Information (Select One) US Residency Non US Residency Active US Military ServiceCity St. Louis State/Province MO Country of Residenceⁱ USCitizenship under 37 CFR 1.41(b)ⁱ US



Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B	
		Application Number	10/612,783	
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement			

Mailing Address of Applicant:				
Address 1		969 N. Hanley		
Address 2				
City	St. Louis		State/Province	MO
Postal Code	63130		Country ⁱ	US

Applicant 22				
Applicant Authority		<input checked="" type="radio"/> Inventor <input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name		Middle Name	Family Name
	Debbie		A.	MAHADEO
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	St. Louis		State/Province	MO
Country of Residence ⁱ		US		

Mailing Address of Applicant:				
Address 1		8108 Delmar Blvd.		
Address 2				
City	St. Louis		State/Province	MO
Postal Code	63130		Country ⁱ	US

Applicant 23				
Applicant Authority		<input checked="" type="radio"/> Inventor <input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name		Middle Name	Family Name
	James		D.	MASUCCI
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Ballwin		State/Province	MO
Country of Residence ⁱ		US		

Mailing Address of Applicant:				
Address 1		4 Foxcliff Court		
Address 2				
City	Ballwin		State/Province	MO
Postal Code	63011		Country ⁱ	US

Applicant 24				
Applicant Authority		<input checked="" type="radio"/> Inventor <input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name		Middle Name	Family Name
	James		D.	MCININCH
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Burlington		State/Province	MA
Country of Residence ⁱ		US		
Citizenship under 37 CFR 1.41(b) ⁱ		US		



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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B	
		Application Number	10/612,783	
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement			

Mailing Address of Applicant:				
Address 1		43 Beaverbrook Road		
Address 2				
City	Burlington		State/Province	MA
Postal Code	01803		Country ⁱ	US

Applicant 25				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Philip	W.	MILLER	

Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	O'Fallon	State/Province	MO	Country of Residence ⁱ US

Citizenship under 37 CFR 1.41(b) ⁱ US				
--	--	--	--	--

Mailing Address of Applicant:				
Address 1		306 Walnut Forest Drive		
Address 2				
City	O'Fallon		State/Province	MO
Postal Code	63366		Country ⁱ	US

Applicant 26				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Donald	E.	NELSON	

Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Stonington		State/Province	CT

Country of Residence ⁱ US				
--------------------------------------	--	--	--	--

Mailing Address of Applicant:				
Address 1		4 Shawondassee Drive		
Address 2				
City	Stonington		State/Province	CT
Postal Code	06378		Country ⁱ	US

Applicant 27				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Ming		PENG	

Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Manchester		State/Province	MO

Country of Residence ⁱ US				
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B	
		Application Number	10/612,783	
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement			

Mailing Address of Applicant:				
Address 1		1685 Carman Mill Road		
Address 2				
City	Manchester		State/Province	MO
Postal Code	63021		Country ⁱ	US

Applicant 28				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Thomas	G.	RUFF	

Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Wildwood	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ US				

Mailing Address of Applicant:				
Address 1		19139 Hardt Road		
Address 2				
City	Wildwood		State/Province	MO
Postal Code	63038		Country ⁱ	US

Applicant 29				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Hridayabhiranjan		SHUKLA	

Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Ballwin	State/Province	MO	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ US				

Mailing Address of Applicant:				
Address 1		453 Gateford Drive		
Address 2				
City	Ballwin		State/Province	MO
Postal Code	63021		Country ⁱ	US

Applicant 30				
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix
	Joshua	C.	STEIN	

Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Acton	State/Province	MA	Country of Residence ⁱ US
Citizenship under 37 CFR 1.41(b) ⁱ US				



Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Mailing Address of Applicant:				
Address 1		152 Nagog Hill Road		
Address 2				
City	Acton		State/Province	MA
Postal Code	01720		Country	US
Applicant 31				
Applicant Authority <input checked="" type="radio"/> Inventor <input type="radio"/> Legal Representative under 35 U.S.C. 117 <input type="radio"/> Party of Interest under 35 U.S.C. 118				
Prefix	Given Name		Middle Name	Family Name
	Michael		D.	THOMPSON
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	River Falls		State/Province	WI
Citizenship under 37 CFR 1.41(b) i		US		
Mailing Address of Applicant:				
Address 1		239 Kusilek Street		
Address 2				
City	River Falls		State/Province	WI
Postal Code	54022		Country	US
Applicant 32				
Applicant Authority <input checked="" type="radio"/> Inventor <input type="radio"/> Legal Representative under 35 U.S.C. 117 <input type="radio"/> Party of Interest under 35 U.S.C. 118				
Prefix	Given Name		Middle Name	Family Name
	Kunsheng			WU
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Ballwin		State/Province	MO
Citizenship under 37 CFR 1.41(b) i		US		
Mailing Address of Applicant:				
Address 1		950 Kiefer Trail Drive		
Address 2				
City	Ballwin		State/Province	MO
Postal Code	63021		Country	US
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.	
Customer Number	66057
Email Address	<input type="text"/> <input type="button" value="Add Email"/> <input type="button" value="Remove Email"/>

Application Data Sheet 37 CFR 1.76

Attorney Docket Number 16517.288/38-21(53373)B

Application Number 10/612,783

Title of Invention Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

APR 24 2008

Application Information:

Title of the Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		
Attorney Docket Number	16517.288/38-21(53373)B	Small Entity Status Claimed	<input type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

Publication Information:

 Request Early Publication (Fee required at time of Request 37 CFR 1.219)**Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S. C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	66057		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Pending	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/371146	1999-08-09
Prior Application Status	Abandoned	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/371146	Continuation in part of	09/304517	1999-05-06
Prior Application Status	Pending	<input type="button" value="Remove"/>	

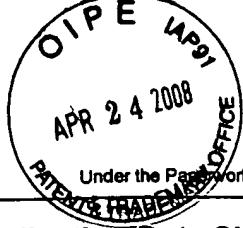

Application Data Sheet 37 CFR 1.76

Attorney Docket Number 16517.288/38-21(53373)B

Application Number 10/612,783

Title of Invention Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/684016	2000-10-10
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
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Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/985678	2001-11-05
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/985678	Continuation of	09/304517	1999-05-06
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/816660	2001-03-26
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/816660	Continuation of	09/733089	2000-12-11
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	10/155881	2002-05-22
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/333535	1999-06-14
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/333535	non provisional of	60/089524	1998-06-16
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/615606	2000-07-13
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/615606	non provisional of	60/144084	1999-07-16
Prior Application Status	Pending		<input type="button" value="Remove"/>



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		
		<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/394745	1999-09-15
Prior Application Status	Abandoned	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/565306	2000-05-04
Prior Application Status	Expired	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/565306	non provisional of	60/132860	1999-05-07
Prior Application Status	Abandoned	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/553094	2000-04-18
Prior Application Status	Abandoned	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/440687	1999-11-16
Prior Application Status	Abandoned	<input type="button" value="Remove"/>	

**Application Data Sheet 37 CFR 1.76**

Attorney Docket Number

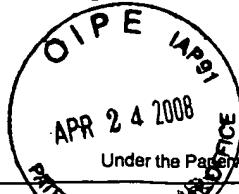
16517.288/38-21(53373)B

Application Number

10/612,783

Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		
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Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/552086	2000-04-19
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
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Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/552086	non provisional of	60/141132	1999-06-28
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/552086	non provisional of	60/141139	1999-06-28
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/552086	non provisional of	60/141135	1999-06-28
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
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Prior Application Status	Pending		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/531113	2000-03-22
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/531113	non provisional of	60/125818	1999-03-23
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/531113	non provisional of	60/141132	1999-06-28
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/531113	non provisional of	60/141139	1999-06-28
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/531113	non provisional of	60/141135	1999-06-28
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
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Prior Application Status	Expired		<input type="button" value="Remove"/>

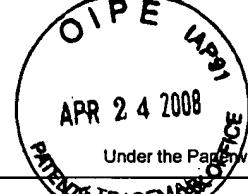

Application Data Sheet 37 CFR 1.76

Attorney Docket Number 16517.288/38-21(53373)B

Application Number 10/612,783

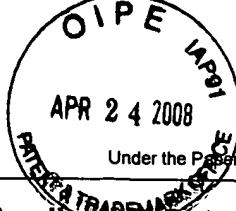
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		
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Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/531113	non provisional of	60/130174	1999-04-20
Prior Application Status	Pending		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/692257	2000-10-19
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/565240	2000-05-08
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/619643	2000-07-19
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/663423	2000-09-15
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/663423	non provisional of	60/154375	1999-09-17
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Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/669817	2000-09-26
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/696664	2000-10-25
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/837604	2001-04-18
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/837604	non provisional of	60/197872	2000-04-19
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/849526	2001-05-07
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/849526	non provisional of	60/202214	2000-05-08
Prior Application Status	Abandoned		<input type="button" value="Remove"/>



Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/874708	2001-06-05
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/874708	non provisional of	60/211750	2000-06-15
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/873402	2001-06-05
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/873402	non provisional of	60/209830	2000-06-06
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/865419	2001-05-29
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/865419	non provisional of	60/208063	2000-05-31
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/865439	2001-05-29
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/865439	non provisional of	60/207458	2000-05-30
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	09/938294	2001-08-24
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/938294	non provisional of	60/228466	2000-08-29
Prior Application Status	Abandoned		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/612783	Continuation in part of	10/219999	2002-08-15
Prior Application Status	Expired		<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/219999	non provisional of	60/312544	2001-08-15
Prior Application Status	Expired		<input type="button" value="Remove"/>



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	16517.288/38-21(53373)B
		Application Number	10/612,783
Title of Invention	Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/219999	non provisional of	60/324109	2001-09-21
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Remove

Application Number	Country ⁱ	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			<input checked="" type="radio"/> Yes <input type="radio"/> No
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

Assignee 1

If the Assignee is an Organization check here.

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information:

Address 1			
Address 2			
City		State/Province	
Country ⁱ		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee Data may be generated within this form by selecting the Add button.

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature			Date (YYYY-MM-DD)	2008-04-24	
First Name	Holly Logue	Last Name	Prutz	Registration Number	47755